

TREC-IS 2018 Notebook Evaluator v1.0
Run: SINAI_run1 (SINAI_run1.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1729036540852
8166
> Information Type Recall (positive class, multi-type, macro): 0.07263769385944245
> Information Type F1 (positive class, multi-type, macro): 0.07866215053519976
> Information Type Accuracy (overall, multi-type, macro): 0.9029781641730693

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.09019887471483473

EVALUATOR: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.5064975247524752
> Information Type Recall (any valid type, micro): 0.5302883057985098
> Information Type F1 (any valid type, micro): 0.5181199556891914
> Information Type Accuracy (any valid type, micro): 0.3843509906995552

TREC-IS 2018 Notebook Evaluator v1.0
Run: SINAI_run1 (SINAI_run1.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08690100228864334
Information Type Recall (positive class, multi-type, macro): 0.12813464399250482
Information Type F1 (positive class, multi-type, macro): 0.05650958132444427
Information Type Accuracy (overall, multi-type, macro): 0.8845429362880887

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.06147963966987371
Information Type Recall (positive class, multi-type, macro): 0.11065592737833603
Information Type F1 (positive class, multi-type, macro): 0.06318524885721245
Information Type Accuracy (overall, multi-type, macro): 0.8850221565731168

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.0682910270624091
Information Type Recall (positive class, multi-type, macro): 0.0992118976415512
Information Type F1 (positive class, multi-type, macro): 0.07926159348525291
Information Type Accuracy (overall, multi-type, macro): 0.88807476635514

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.11040965789089084
Information Type Recall (positive class, multi-type, macro): 0.12814739660321434
Information Type F1 (positive class, multi-type, macro): 0.07303243281359476
Information Type Accuracy (overall, multi-type, macro): 0.8904180064308682

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.05396250714844525
Information Type Recall (positive class, multi-type, macro): 0.06530615398934199
Information Type F1 (positive class, multi-type, macro): 0.03864534799786221
Information Type Accuracy (overall, multi-type, macro): 0.8586046511627905

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.07715396120476335
Information Type Recall (positive class, multi-type, macro): 0.17540464688290772
Information Type F1 (positive class, multi-type, macro): 0.08956905321611204
Information Type Accuracy (overall, multi-type, macro): 0.8792207792207795

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.11657960777023886
Information Type Recall (positive class, multi-type, macro): 0.08937398937398937
Information Type F1 (positive class, multi-type, macro): 0.0723633589903613
Information Type Accuracy (overall, multi-type, macro): 0.9332038834951457

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.08743918150814702
Information Type Recall (positive class, multi-type, macro): 0.09778752228163994
Information Type F1 (positive class, multi-type, macro): 0.08507281048470978
Information Type Accuracy (overall, multi-type, macro): 0.8845833333333334

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.05588819449014639
Information Type Recall (positive class, multi-type, macro): 0.13307474747474748
Information Type F1 (positive class, multi-type, macro): 0.05402854728273056
Information Type Accuracy (overall, multi-type, macro): 0.9151338199513382

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.0692621154429453
Information Type Recall (positive class, multi-type, macro): 0.12827827931944097
Information Type F1 (positive class, multi-type, macro): 0.07061631686759476

Information Type Accuracy (overall, multi-type, macro): 0.9201093180635087

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.07838654591827662

Information Type Recall (positive class, multi-type, macro): 0.073431057095932

Information Type F1 (positive class, multi-type, macro): 0.07171414653160074

Information Type Accuracy (overall, multi-type, macro): 0.9157405614714423

philipponesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.09115370985603544

Information Type Recall (positive class, multi-type, macro): 0.11564019021913757

Information Type F1 (positive class, multi-type, macro): 0.046343951470302736

Information Type Accuracy (overall, multi-type, macro): 0.8861327231121282

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.0675435853817725

Information Type Recall (positive class, multi-type, macro): 0.14480439642735213

Information Type F1 (positive class, multi-type, macro): 0.08142361214942183

Information Type Accuracy (overall, multi-type, macro): 0.8874614305750351

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.08553492960059524

Information Type Recall (positive class, multi-type, macro): 0.14254179528803096

Information Type F1 (positive class, multi-type, macro): 0.07607106957282063

Information Type Accuracy (overall, multi-type, macro): 0.8913236346291439

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.057077756155214814

Information Type Recall (positive class, multi-type, macro): 0.15136780074327005

Information Type F1 (positive class, multi-type, macro): 0.06976279235199269

Information Type Accuracy (overall, multi-type, macro): 0.8915602836879433

TREC-IS 2018 Notebook Evaluator v1.0

Run: SINAI_run1 (SINAI_run1.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784

Request-SearchAndRescue

	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19612
Request-InformationWanted	0.00	0.00	0.00	172
avg / total	0.98	0.99	0.99	19784

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784

CallToAction-Donations

	precision	recall	f1-score	support
Other Classes	0.96	1.00	0.98	18980
CallToAction-Donations	0.74	0.04	0.08	804
avg / total	0.95	0.96	0.94	19784

CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784

Report-FirstPartyObservation

	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	15977

Report-FirstPartyObservation	0.00	0.00	0.00	3807
avg / total	0.65	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.00	0.00	0.00	4160
avg / total	0.62	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.97	18459
Report-Weather	0.62	0.02	0.04	1325
avg / total	0.91	0.93	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.00	0.00	0.00	686
avg / total	0.93	0.97	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.00	0.00	0.00	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.82	0.94	0.87	15810
Report-MultimediaShare	0.40	0.15	0.22	3974
avg / total	0.73	0.78	0.74	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.00	0.00	0.00	1076
avg / total	0.89	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.89	0.96	0.92	17401
Report-Factoid	0.35	0.17	0.22	2383

avg / total	0.83	0.86	0.84	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19381
Report-Official	0.36	0.03	0.06	403
avg / total	0.97	0.98	0.97	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.00	0.00	0.00	1351
avg / total	0.87	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.82	0.81	0.82	14913
Other-ContinuingNews	0.44	0.46	0.45	4871
avg / total	0.73	0.72	0.73	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.33	0.01	0.01	1209
avg / total	0.90	0.94	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.75	0.87	0.80	12832
Other-Sentiment	0.66	0.46	0.54	6952
avg / total	0.72	0.73	0.71	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	1.00	0.95	17724
Other-Discussion	0.00	0.00	0.00	2060
avg / total	0.80	0.90	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.88	0.69	0.78	17179
Other-Irrelevant	0.17	0.40	0.24	2605
avg / total	0.79	0.65	0.71	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	0.97	0.98	19707
Other-Unknown	0.00	0.01	0.00	77
avg / total	0.99	0.97	0.98	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18683
Other-KnownAlready	0.25	0.07	0.11	1101
avg / total	0.91	0.94	0.92	19784

TREC-IS 2018 Notebook Evaluator v1.0
Run: SINAI_run2 (SINAI_run2.gz)

EVALUATON: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1307080394049
7439
> Information Type Recall (positive class, multi-type, macro): 0.06966033113755662
> Information Type F1 (positive class, multi-type, macro): 0.0768505880384671
> Information Type Accuracy (overall, multi-type, macro): 0.8987687019813991

EVALUATON: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.08584852784548953

EVALUATON: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.41894353369763204
> Information Type Recall (any valid type, micro): 0.4979702300405954
> Information Type F1 (any valid type, micro): 0.4550513169284036
> Information Type Accuracy (any valid type, micro): 0.33173271330367976

TREC-IS 2018 Notebook Evaluator v1.0

Run: SINAI_run2 (SINAI_run2.gz)

EVALUATOR: Information Type Categorization (Multi-type)Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.045975343231942835
Information Type Recall (positive class, multi-type, macro): 0.12698915424198443
Information Type F1 (positive class, multi-type, macro): 0.05684072581181877
Information Type Accuracy (overall, multi-type, macro): 0.8814404432132964

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.05768892057453758
Information Type Recall (positive class, multi-type, macro): 0.11966659147430209
Information Type F1 (positive class, multi-type, macro): 0.06408278250392137
Information Type Accuracy (overall, multi-type, macro): 0.8837223042836041

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.058584266393117874
Information Type Recall (positive class, multi-type, macro): 0.12684260857060684
Information Type F1 (positive class, multi-type, macro): 0.07140025945314026
Information Type Accuracy (overall, multi-type, macro): 0.88

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.10734929875922372
Information Type Recall (positive class, multi-type, macro): 0.11872173648099665
Information Type F1 (positive class, multi-type, macro): 0.06721218269724268
Information Type Accuracy (overall, multi-type, macro): 0.8909324758842445

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.04367574269621051
Information Type Recall (positive class, multi-type, macro): 0.07157657520754476
Information Type F1 (positive class, multi-type, macro): 0.02199748040844976
Information Type Accuracy (overall, multi-type, macro): 0.8539534883720928

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.0833039128092604
Information Type Recall (positive class, multi-type, macro): 0.1800324093816631
Information Type F1 (positive class, multi-type, macro): 0.09525376032923653
Information Type Accuracy (overall, multi-type, macro): 0.8797402597402598

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.11864919292375375
Information Type Recall (positive class, multi-type, macro): 0.07162626262626262
Information Type F1 (positive class, multi-type, macro): 0.05851861247643711
Information Type Accuracy (overall, multi-type, macro): 0.9238834951456311

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.12443515105584073
Information Type Recall (positive class, multi-type, macro): 0.14557575757575758
Information Type F1 (positive class, multi-type, macro): 0.1257061556329849
Information Type Accuracy (overall, multi-type, macro): 0.8820833333333334

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.09235115330043875
Information Type Recall (positive class, multi-type, macro): 0.08386288122221625
Information Type F1 (positive class, multi-type, macro): 0.0521038499581356
Information Type Accuracy (overall, multi-type, macro): 0.9143552311435527

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.06827186248217013
Information Type Recall (positive class, multi-type, macro): 0.09003760429209542
Information Type F1 (positive class, multi-type, macro): 0.06938064445565864

Information Type Accuracy (overall, multi-type, macro): 0.9163716814159294

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.06685215364792202

Information Type Recall (positive class, multi-type, macro): 0.07368850808331691

Information Type F1 (positive class, multi-type, macro): 0.05887451283514439

Information Type Accuracy (overall, multi-type, macro): 0.9100484027105515

philipponesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.05611982281284607

Information Type Recall (positive class, multi-type, macro): 0.06986537555995699

Information Type F1 (positive class, multi-type, macro): 0.03741772019240199

Information Type Accuracy (overall, multi-type, macro): 0.8813729977116707

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.06475759856769582

Information Type Recall (positive class, multi-type, macro): 0.1331646790890269

Information Type F1 (positive class, multi-type, macro): 0.07760438118612015

Information Type Accuracy (overall, multi-type, macro): 0.8824123422159889

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.08525121025043525

Information Type Recall (positive class, multi-type, macro): 0.128886538664515

Information Type F1 (positive class, multi-type, macro): 0.07846749370490126

Information Type Accuracy (overall, multi-type, macro): 0.8868972096351062

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.054308195623028285

Information Type Recall (positive class, multi-type, macro): 0.14594608526360037

Information Type F1 (positive class, multi-type, macro): 0.07031302668474884

Information Type Accuracy (overall, multi-type, macro): 0.8833333333333335

TREC-IS 2018 Notebook Evaluator v1.0

Run: SINAI_run2 (SINAI_run2.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784

Request-SearchAndRescue

	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19612
Request-InformationWanted	0.00	0.00	0.00	172
avg / total	0.98	0.99	0.99	19784

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784

CallToAction-Donations

	precision	recall	f1-score	support
Other Classes	0.96	0.99	0.98	18980
CallToAction-Donations	0.22	0.06	0.09	804
avg / total	0.93	0.95	0.94	19784

CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784

Report-FirstPartyObservation

	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	15977

Report-FirstPartyObservation	0.00	0.00	0.00	3807
avg / total	0.65	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.00	0.00	0.00	4160
avg / total	0.62	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18459
Report-Weather	0.65	0.05	0.10	1325
avg / total	0.92	0.93	0.91	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.03	0.00	0.00	686
avg / total	0.93	0.96	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.00	0.00	0.00	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.81	0.95	0.87	15810
Report-MultimediaShare	0.37	0.12	0.18	3974
avg / total	0.72	0.78	0.74	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.00	0.00	0.00	1076
avg / total	0.89	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.89	0.94	0.91	17401
Report-Factoid	0.27	0.16	0.20	2383

avg / total	0.82	0.85	0.83	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19381
Report-Official	0.17	0.04	0.07	403
avg / total	0.96	0.98	0.97	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.00	0.00	0.00	1351
avg / total	0.87	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.80	0.76	0.78	14913
Other-ContinuingNews	0.36	0.41	0.39	4871
avg / total	0.69	0.68	0.68	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	0.98	0.96	18575
Other-Advice	0.17	0.05	0.08	1209
avg / total	0.89	0.93	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.72	0.90	0.80	12832
Other-Sentiment	0.66	0.34	0.45	6952
avg / total	0.70	0.71	0.68	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	1.00	0.95	17724
Other-Discussion	0.00	0.00	0.00	2060
avg / total	0.80	0.90	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.89	0.71	0.79	17179
Other-Irrelevant	0.17	0.40	0.24	2605
avg / total	0.79	0.67	0.71	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	0.97	0.98	19707
Other-Unknown	0.00	0.01	0.00	77
avg / total	0.99	0.97	0.98	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.98	0.96	18683
Other-KnownAlready	0.19	0.09	0.12	1101
avg / total	0.91	0.93	0.92	19784

TREC-IS 2018 Notebook Evaluator v1.0
Run: SINAI_run3 (SINAI_run3.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1825386167226
2203
> Information Type Recall (positive class, multi-type, macro): 0.07126490515152452
> Information Type F1 (positive class, multi-type, macro): 0.07672428100287476
> Information Type Accuracy (overall, multi-type, macro): 0.9023271330367976

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.08935142155309578

EVALUATOR: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.5019347705914871
> Information Type Recall (any valid type, micro): 0.5129943502824859
> Information Type F1 (any valid type, micro): 0.5074043028778988
> Information Type Accuracy (any valid type, micro): 0.3762131014961585

TREC-IS 2018 Notebook Evaluator v1.0

Run: SINAI_run3 (SINAI_run3.gz)

EVALUATOR: Information Type Categorization (Multi-type)Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08972626572630414
Information Type Recall (positive class, multi-type, macro): 0.0895229974549903
Information Type F1 (positive class, multi-type, macro): 0.057588656562422555
Information Type Accuracy (overall, multi-type, macro): 0.8839889196675901

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.06196435312678829
Information Type Recall (positive class, multi-type, macro): 0.10944694084707983
Information Type F1 (positive class, multi-type, macro): 0.0646144112212001
Information Type Accuracy (overall, multi-type, macro): 0.8856129985228952

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.06660797679668166
Information Type Recall (positive class, multi-type, macro): 0.09500863422291993
Information Type F1 (positive class, multi-type, macro): 0.07639239593279806
Information Type Accuracy (overall, multi-type, macro): 0.8874766355140187

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.09910188863987336
Information Type Recall (positive class, multi-type, macro): 0.12028739998739997
Information Type F1 (positive class, multi-type, macro): 0.06441829446534675
Information Type Accuracy (overall, multi-type, macro): 0.8881028938906752

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.05418514745055281
Information Type Recall (positive class, multi-type, macro): 0.06826827294569343
Information Type F1 (positive class, multi-type, macro): 0.03978810337412199
Information Type Accuracy (overall, multi-type, macro): 0.8588193202146691

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.07911937703381554
Information Type Recall (positive class, multi-type, macro): 0.17695035998484276
Information Type F1 (positive class, multi-type, macro): 0.09146873779814957
Information Type Accuracy (overall, multi-type, macro): 0.8787012987012989

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.12321467298695665
Information Type Recall (positive class, multi-type, macro): 0.10648804648804648
Information Type F1 (positive class, multi-type, macro): 0.07955852240572105
Information Type Accuracy (overall, multi-type, macro): 0.9324271844660196

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.08789238347859037
Information Type Recall (positive class, multi-type, macro): 0.09547142512659754
Information Type F1 (positive class, multi-type, macro): 0.08399936844764429
Information Type Accuracy (overall, multi-type, macro): 0.8845833333333333

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.05642898703093893
Information Type Recall (positive class, multi-type, macro): 0.1357054608821599
Information Type F1 (positive class, multi-type, macro): 0.05559903086093173
Information Type Accuracy (overall, multi-type, macro): 0.9151338199513384

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.06756995506987024
Information Type Recall (positive class, multi-type, macro): 0.13626745596844664
Information Type F1 (positive class, multi-type, macro): 0.06860057934856148

Information Type Accuracy (overall, multi-type, macro): 0.919328474752733

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.07697810292114003

Information Type Recall (positive class, multi-type, macro): 0.07147249050733408

Information Type F1 (positive class, multi-type, macro): 0.06993294334264748

Information Type Accuracy (overall, multi-type, macro): 0.9157018393030009

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.08646932447397564

Information Type Recall (positive class, multi-type, macro): 0.11222609974855485

Information Type F1 (positive class, multi-type, macro): 0.04193617191219838

Information Type Accuracy (overall, multi-type, macro): 0.8843020594965677

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.06401670929743182

Information Type Recall (positive class, multi-type, macro): 0.13877802271846346

Information Type F1 (positive class, multi-type, macro): 0.07587873552266675

Information Type Accuracy (overall, multi-type, macro): 0.8847685834502105

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.08427324425666594

Information Type Recall (positive class, multi-type, macro): 0.1519023893975036

Information Type F1 (positive class, multi-type, macro): 0.07462367856224944

Information Type Accuracy (overall, multi-type, macro): 0.8907130932506558

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.061652779859945765

Information Type Recall (positive class, multi-type, macro): 0.12860949802885288

Information Type F1 (positive class, multi-type, macro): 0.0736320976104306

Information Type Accuracy (overall, multi-type, macro): 0.8905673758865248

TREC-IS 2018 Notebook Evaluator v1.0

Run: SINAI_run3 (SINAI_run3.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784

Request-SearchAndRescue

	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19612
Request-InformationWanted	0.00	0.00	0.00	172
avg / total	0.98	0.99	0.99	19784

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784

CallToAction-Donations

	precision	recall	f1-score	support
Other Classes	0.96	1.00	0.98	18980
CallToAction-Donations	0.79	0.04	0.08	804
avg / total	0.95	0.96	0.94	19784

CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784

Report-FirstPartyObservation

	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	15977

Report-FirstPartyObservation	0.00	0.00	0.00	3807
avg / total	0.65	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.00	0.00	0.00	4160
avg / total	0.62	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.97	18459
Report-Weather	0.76	0.02	0.03	1325
avg / total	0.92	0.93	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.00	0.00	0.00	686
avg / total	0.93	0.97	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.00	0.00	0.00	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.82	0.95	0.88	15810
Report-MultimediaShare	0.41	0.14	0.21	3974
avg / total	0.73	0.79	0.74	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.00	0.00	0.00	1076
avg / total	0.89	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.89	0.96	0.93	17401
Report-Factoid	0.35	0.16	0.22	2383

avg / total	0.83	0.86	0.84	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19381
Report-Official	0.36	0.02	0.05	403
avg / total	0.97	0.98	0.97	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.00	0.00	0.00	1351
avg / total	0.87	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.82	0.81	0.81	14913
Other-ContinuingNews	0.43	0.44	0.44	4871
avg / total	0.72	0.72	0.72	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.38	0.00	0.01	1209
avg / total	0.91	0.94	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.74	0.87	0.80	12832
Other-Sentiment	0.64	0.45	0.53	6952
avg / total	0.71	0.72	0.70	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	1.00	0.95	17724
Other-Discussion	0.00	0.00	0.00	2060
avg / total	0.80	0.90	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.88	0.68	0.77	17179
Other-Irrelevant	0.16	0.42	0.24	2605
avg / total	0.79	0.64	0.70	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	0.97	0.98	19707
Other-Unknown	0.00	0.01	0.00	77
avg / total	0.99	0.97	0.98	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18683
Other-KnownAlready	0.26	0.07	0.11	1101
avg / total	0.91	0.94	0.92	19784

TREC-IS 2018 Notebook Evaluator v1.0
Run: SINAI_run4 (SINAI_run4.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1782267350987
6769
> Information Type Recall (positive class, multi-type, macro): 0.0753924649454676
> Information Type F1 (positive class, multi-type, macro): 0.08247327364807784
> Information Type Accuracy (overall, multi-type, macro): 0.9025171856045291

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.0925597565575171

EVALUATOR: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.5297429003528819
> Information Type Recall (any valid type, micro): 0.4849253960929088
> Information Type F1 (any valid type, micro): 0.5063443623514294
> Information Type Accuracy (any valid type, micro): 0.3785887585928023

TREC-IS 2018 Notebook Evaluator v1.0

Run: SINAI_run4 (SINAI_run4.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08267769270556037
Information Type Recall (positive class, multi-type, macro): 0.11747863149071669
Information Type F1 (positive class, multi-type, macro): 0.05037488108228852
Information Type Accuracy (overall, multi-type, macro): 0.8797783933518007

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.06468392937106306
Information Type Recall (positive class, multi-type, macro): 0.11282321691974323
Information Type F1 (positive class, multi-type, macro): 0.0645682700014285
Information Type Accuracy (overall, multi-type, macro): 0.8824224519940915

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.07248027616884527
Information Type Recall (positive class, multi-type, macro): 0.10491482898912068
Information Type F1 (positive class, multi-type, macro): 0.08115537063734336
Information Type Accuracy (overall, multi-type, macro): 0.88807476635514

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.11584197661347927
Information Type Recall (positive class, multi-type, macro): 0.12842559698366152
Information Type F1 (positive class, multi-type, macro): 0.07112224304751208
Information Type Accuracy (overall, multi-type, macro): 0.8865594855305465

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.056917706831508035
Information Type Recall (positive class, multi-type, macro): 0.06974968902158818
Information Type F1 (positive class, multi-type, macro): 0.0437419459379589
Information Type Accuracy (overall, multi-type, macro): 0.8586762075134167

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.07855975202231887
Information Type Recall (positive class, multi-type, macro): 0.17475714285714286
Information Type F1 (positive class, multi-type, macro): 0.08974468313272477
Information Type Accuracy (overall, multi-type, macro): 0.8781818181818185

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.12968305604610095
Information Type Recall (positive class, multi-type, macro): 0.12018681318681318
Information Type F1 (positive class, multi-type, macro): 0.09189668630521787
Information Type Accuracy (overall, multi-type, macro): 0.9316504854368931

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.08297789566755083
Information Type Recall (positive class, multi-type, macro): 0.09281818181818181
Information Type F1 (positive class, multi-type, macro): 0.07431773897994226
Information Type Accuracy (overall, multi-type, macro): 0.87875

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.0623698706506305
Information Type Recall (positive class, multi-type, macro): 0.12751074556577296
Information Type F1 (positive class, multi-type, macro): 0.0678751860012134
Information Type Accuracy (overall, multi-type, macro): 0.9170802919708031

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.06979193319030984
Information Type Recall (positive class, multi-type, macro): 0.12422644969843885
Information Type F1 (positive class, multi-type, macro): 0.07174043212265957

Information Type Accuracy (overall, multi-type, macro): 0.9202758979698074

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.08052575886601662

Information Type Recall (positive class, multi-type, macro): 0.07860058620198669

Information Type F1 (positive class, multi-type, macro): 0.07143232817210493

Information Type Accuracy (overall, multi-type, macro): 0.9160890609874152

philipponesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.09029656699889259

Information Type Recall (positive class, multi-type, macro): 0.1197813611042175

Information Type F1 (positive class, multi-type, macro): 0.048251205717062436

Information Type Accuracy (overall, multi-type, macro): 0.8841189931350115

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.07043353648697025

Information Type Recall (positive class, multi-type, macro): 0.1211289782162263

Information Type F1 (positive class, multi-type, macro): 0.08011134308579632

Information Type Accuracy (overall, multi-type, macro): 0.8845441795231417

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.09098697794507674

Information Type Recall (positive class, multi-type, macro): 0.15374101729162207

Information Type F1 (positive class, multi-type, macro): 0.0824427710918405

Information Type Accuracy (overall, multi-type, macro): 0.8914953493918436

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.06624337342200771

Information Type Recall (positive class, multi-type, macro): 0.16326542341074363

Information Type F1 (positive class, multi-type, macro): 0.07600427656510474

Information Type Accuracy (overall, multi-type, macro): 0.8871631205673759

TREC-IS 2018 Notebook Evaluator v1.0

Run: SINAI_run4 (SINAI_run4.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784

Request-SearchAndRescue

	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19612
Request-InformationWanted	0.00	0.00	0.00	172
avg / total	0.98	0.99	0.99	19784

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784

CallToAction-Donations

	precision	recall	f1-score	support
Other Classes	0.96	1.00	0.98	18980
CallToAction-Donations	0.77	0.05	0.09	804
avg / total	0.95	0.96	0.94	19784

CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784

Report-FirstPartyObservation

	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	15977

Report-FirstPartyObservation	0.00	0.00	0.00	3807
avg / total	0.65	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.00	0.00	0.00	4160
avg / total	0.62	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.97	18459
Report-Weather	0.63	0.03	0.06	1325
avg / total	0.91	0.93	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.00	0.00	0.00	686
avg / total	0.93	0.97	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.00	0.00	0.00	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.82	0.96	0.89	15810
Report-MultimediaShare	0.51	0.15	0.23	3974
avg / total	0.76	0.80	0.75	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.00	0.00	0.00	1076
avg / total	0.89	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.90	0.93	0.92	17401
Report-Factoid	0.33	0.24	0.28	2383

avg / total	0.83	0.85	0.84	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19381
Report-Official	0.31	0.04	0.07	403
avg / total	0.97	0.98	0.97	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.00	0.00	0.00	1351
avg / total	0.87	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.81	0.88	0.84	14913
Other-ContinuingNews	0.49	0.35	0.41	4871
avg / total	0.73	0.75	0.74	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.35	0.01	0.02	1209
avg / total	0.90	0.94	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.75	0.87	0.80	12832
Other-Sentiment	0.66	0.46	0.54	6952
avg / total	0.72	0.73	0.71	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	1.00	0.95	17724
Other-Discussion	0.00	0.00	0.00	2060
avg / total	0.80	0.90	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.89	0.64	0.74	17179
Other-Irrelevant	0.16	0.45	0.24	2605
avg / total	0.79	0.62	0.68	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	0.97	0.98	19707
Other-Unknown	0.00	0.01	0.00	77
avg / total	0.99	0.97	0.98	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.98	0.97	18683
Other-KnownAlready	0.24	0.09	0.13	1101
avg / total	0.91	0.93	0.92	19784